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 Title of invention: SUBLIMATION TYPE THERMAL TRANSFER MATERIAL

Abstract:

PURPOSE: To obtain a sublimation type thermal transfer material excellent in slip properties and separability with respect to an image receiving sheet and showing excellent preservability by adding polydimethylsiloxane having the functional group reacting with a binder only at the single terminal of its molecule to an ink layer.

CONSTITUTION: A sublimation type thermal transfer material is obtained by providing an ink layer wherein a sublimable dye is dispersed in a binder on a substrate and polydimethylsiloxane having the functional group reacting with the binder only at the single terminal of its molecule of polydimethylsiloxane in the ink layer reacts with the binder and the other terminal thereof is free, polydimethylsiloxane is oriented on the surface side of the ink layer without bleeding to the surface of the ink layer. Therefore, the dye dispersed in the binder in the ink layer is precipitated on the surface of the ink layer and the background contamination of an image receiving layer,

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